CLAIM APPENDIX

21. A method of coating a metal tubing comprising the steps of:

(1) applying a substrate to said metal tubing;

(2) applying an epoxy coating containing epoxy paint and plastic particles onto an outer surface of said substrate; and

(3) curing said coating on said metal tubing.

22. The method as set forth in Claim 21, wherein said coating is applied to said tubing in a paint bath.

23. The method as recited in Claim 21, wherein said plastic particles are nylon.

24. The method as set forth in Claim 21, wherein said plastic particles have an average size of less than 50 micron.

25. The method as set forth in Claim 21, wherein said plastic particles have an average size of less than 25 micron.

26. The method as set forth in Claim 1, wherein said coating includes about 20% by weight of said plastic particles.

27. The method as set forth in Claim 1, wherein said substrate is electroplated zinc.

28. The method as set forth in Claim 1, wherein said substrate is zinc based alloy.

29. A method of coating a metal tubing comprising the steps of:

(1) applying a substrate to said metal tubing;

(2) applying an epoxy coating containing epoxy paint and plastic particles onto an outer surface of said substrate; and

(3) curing said coating on said metal tubing, said plastic particles in said epoxy coating form a crust.

30. The method as set forth in Claim 29 wherein said crust provides an electrically insulated barrier.

31. A tube comprising:

an underlying metal tubing;

an intermediate substrate layer; and

an outer epoxy coating containing plastic particles mixed into an epoxy paint, wherein said intermediate substrate layer is between said metal tubing and said coating.

32. The tube as set forth in Claim 31, wherein said plastic particles have an average particle size of less than 50 micron.

33. The tube as set forth in Claim 31, wherein said plastic particles have an average size of less than 25 micron.

34. The tube as set forth in Claim 31, wherein said plastic particles are formed of a nylon.

35. The tube as set forth in Claim 31, wherein said intermediate substrate layer is electroplated zinc.

36. The tube as set forth in Claim 31, wherein said intermediate substrate layer is zinc based alloy.

37. A tube comprising:

an underlying metal tubing;

an intermediate substrate layer;

an outer epoxy coating containing plastic particles mixed into an epoxy paint, wherein said intermediate substrate layer is between said metal tubing and said coating;

a crust formed by said plastic particles in said outer epoxy coating.

38. The tube as set forth in Claim 37 wherein said crust provides an electrically insulated barrier.

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